Intermec

Product
Profile

- Compact, industrial design

- Robust data collection

- 2.4 GHz or 802.11b 11 Mbps radios for wireless models

- Industry standard development and connectivity tools

- Flexible application environments

Wi-Fi
The Standard for
Wireless Fidelity.

2480 SERIES
STATIONARY COMPUTER

The 2480 Series Stationary Terminal delivers timely, accurate data for mission critical manufacturing systems. With a compact metal case, environmental sealing and power protection, the reliable 248X handles the most punishing industrial plants. It's ideal for work in process tracking, labor collection, and time and attendance applications.

The 2480 Series Stationary Terminal includes two ports for bar code input devices and a serial port to connect a printer or scale. An optional integrated badge scanner, digital input/output and two additional serial ports accommodate the most demanding data collection requirements.

Choose Ethernet, wireless or serial connections to host computers. With the 2.4 GHz and 802.11b wireless models, you can easily change configurations of manufacturing work cells. The 2480 Series supports client/server and terminal emulation host environments. It's also compatible with Intermec CrossBar® networks.

The 2480 Series Stationary Terminal is programmable using industry standard, Microsoft® C/C++. Using standard tools you can dramatically reduce development time and cost for creating shop floor solutions.

2480 SERIES STATIONARY COMPUTER

Physical Characteristics
Height: 24.4 cm (9.6")
Length: 27.2 cm (10.7"); 28.7 cm (11.3") with badge scanner
Depth: 9.9 cm (3.9")
Weight: 4.3 kg (9.5 lbs)

Environment
Operating temperature: -20° to 50°C (-4° to 122°F)
Storage temperature: -20° to 60°C (-4° to 140°F)
Humidity: Non-condensing (0 to 95% RH)
Sealing: Die cast aluminum case. NEMA5/IP53 sealing for dust, moisture and splashing.

Power
Operating: 95 - 250 volts AC, 50/60 Hz
Power protection: Handles 1 second dropouts
Memory Backup: Rechargeable NiCad battery pack

Memory
RAM: 1MB Total
Non-volatile memory: 2MB; option for 2MB additional, 4MB total
Extended Memory: 2MB Flash; 2MB or 4MB SRAM

Displays
CGA compatible LCD with backlight
2480/85: 4 lines by 40 characters per line
2481/86: 12 lines by 40 characters per line
Display up to 24 lines

Keyboards
Alphanumeric: 59 key elastomeric; PC style QWERTY layout; 5 shiftable function keys
Oversized function/numeric: 35 key elastomeric; 10 separate function keys
Time and Attendance: 35 key membrane; 10 separate function keys
Terminal Emulation: templates for IBM 5250, IBM 3270 and ANSI/VT

Input Ports
2 bar code input ports
Digital input/output: 4 optically isolated sense inputs; 4 two form C output relays, dry contacts
External speaker connection

Bar Code Symbologies
Code 39, 2 of 5, Interleaved 2 of 5, Codabar, UPC/EAN, Code 128, Code 11, Code 93 and 93i, Plessey, MSI, Code 16K, PDF-417 supported using tethered scanner

Wired Data Communication
2480/81:
Ethernet: 10BaseT
Serial Ports: RS-232, RS-232/422/485

Integrated RF Module
2485/86 Models
Frequency Band: 2.4 GHz frequency band, actual frequencies in use vary by country
WLI Forum OpenAir
Type: Frequency Hopping Spread Spectrum
Data Rate: 1.6 Mbps, .8 Mbps fallback
Range*: From 1500+ ft (450+ m) to 500 ft (150 m) depending on environment

IEEE 802.11b Wi-Fi Certified
Type: Direct Sequence Spread Spectrum
Data Rate: 11/5.5/2/1 Mbps with Auto fallback for increased range
Range* at 1 Mbps: From 1750 ft (533 m) to 165 ft (50 m) depending on environment
Range* at 11 Mbps: From 525 ft (160 m) to 80 ft (24 m) depending on environment
Security: Wired Equivalent Privacy (WEP) - 64 or 128 bit encryption
* Unlimited range with roaming

Host Support Direct Connect
Host Environment: IBM AS/400, S/390, Digital, HP, UNIX with Telnet Services
Connectivity: Ethernet, 2.4 GHz wireless, serial
Communication: TCP/IP, XMODEM/YMODEM
Terminal Emulation: TN 5250, TN 3270, VT/ANSI

Host Support via DCS 300 Server
Host Environment: IBM AS/400, S/390, Digital, HP, UNIX
Connectivity: 10/100 Mbps Ethernet, Token Ring, Twinax, Coax, SDLC
Communications: TCP/IP, SNA, TCP/IP socket pass through
Terminal Emulation: IBM SNA 5250, 3270, ANSI/VT 100, 220, 320, and Screen Mapping
Web-based: dcBrowser™ for HTML applications

Language Support
English, German, French, Italian, Spanish, Portuguese, Chinese, Japanese, Korean and Thai. Localized fonts, keypads and Getting Started Guide.
Supports additional single and double byte fonts.

Badge Scanner
- Visible light badge scanner
- Infrared light badge scanner

Accessories
Wall or desk mount brackets, Programmer's Software Kit (PSK), Adapter for third serial port (9 pin RS-232)

Regulatory Approvals
UL Listed, UL 1950 and C22.2 No. 950, TÜV GS Licensed, EN 60950, FCC Part 15, Canada, RSS210 and ICES 003 Class B, EN 55022/CISPR 22, Class B, ETS 300 826, ETS 300 328, Compliant with European Directives CE Marked

Intermec
expect **MORE**™